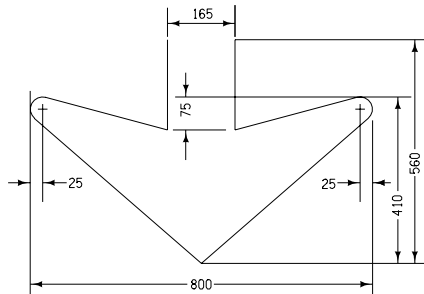
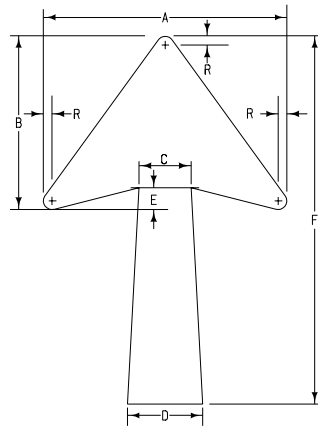


TYPE 1 ARROW

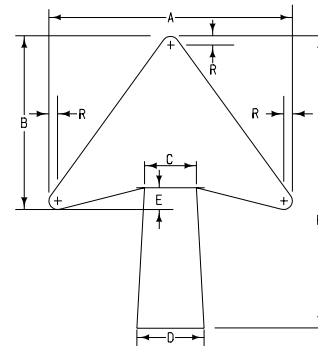


TYPE 2 ARROW



USED WITH	DIMENSIONS IN MILLIMETERS						
	A	B	C	D	E	F	R
200 mm Caps	380	290	95	125	33	620	21
340 mm UC- 250 mm & 300 mmCaps	460	360	115	150	38	740	19
400 mm UC	570	430	135	180	44	900	25

TYPE 3 ARROW



USED WITH	DIMENSIONS IN MILLIMETERS						
	A	B	C	D	E	F	R
200 mm & 250 mm Caps							
340 mm UC & 300 mmCaps							
400 mm UC							

TABLES
FOR

VERTICAL AND HORIZONTAL PLACEMENT OF ARROWS

The following information applies to all arrows except M1-50 (Exit), M1-101 (Rest Area), M1-160 (Weigh Sta.) and M1-200 (Scenic View). They should be attached as shown in plans.

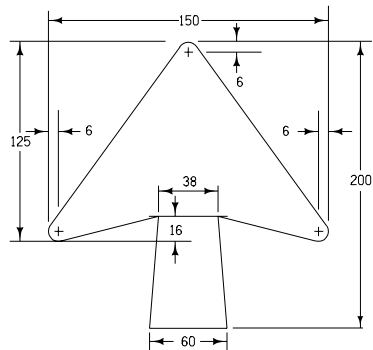
TYPE 2 ARROW

OFFSET ANGLE	ARROW LENGTH	VERTICAL DIMENSION	HORIZONTAL DIMENSION
30°			
45°			
60°			

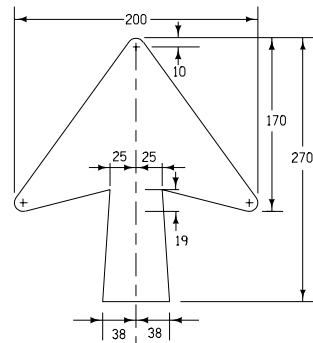
TYPE 3 ARROW

OFFSET ANGLE	ARROW LENGTH	VERTICAL DIMENSION	HORIZONTAL DIMENSION
30°			
45°			
60°			

TYPE 4 ARROW



TYPE 5 ARROW



ARROW DESIGNATION:

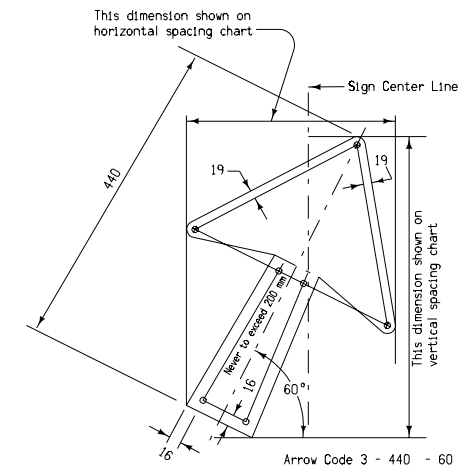
Each arrow is designated by a three number code. The explanation of this code is as follows:

The first number is the arrow type.

The second number is the length of the arrow in inches.

The third number is the angle in degrees between the center line of the arrow and the horizontal.

An example is given on this sheet. This example shows the location of rivet holes. Rivet holes on longer stemmed arrows and various types of arrows shall follow the same general pattern, but, the distance between holes on the stem shall never exceed 200 mm.



TYPE 4 ARROW

OFFSET ANGLE	ARROW LENGTH	VERTICAL DIMENSION	HORIZONTAL DIMENSION
30°	200 mm (150 mm CAPS SERIES D)		
45°	200 mm (150 mm CAPS SERIES D)		
30°	200 mm (150 mm CAPS SERIES D)		

TYPE 5 ARROW

OFFSET ANGLE	ARROW LENGTH	VERTICAL DIMENSION	HORIZONTAL DIMENSION
30°	270 mm (200 mm UC)		
45°	270 mm (200 mm UC)		
30°	270 mm (200 mm UC)		

All dimensions are given in metric unless noted.

METRIC VERSION	Iowa Department of Transportation Highway Division	
	STANDARD ROAD PLAN RD-45	
	REVISION: NEW APPROVED BY DESIGN METHODS ENGINEER	REVISION NO. NEW REVISION DATE 04-15-03
	ARROW DETAILS FOR TYPE 'B' GUIDE SIGNS	